

PRESS CONNECTOR SYSTEMS

Viega. Connected in quality.



viega



CONNECTIONS FOR **RELIABILITY**, CONVENI- ENCE AND HYGIENE

We are Viega. Installing lifelines for the buildings of tomorrow.

We ensure that potable water hygiene, energy efficiency, safety and convenience become the everyday standard. We do this by taking a holistic view of buildings and turning spaces into living rooms. But we don't just install thermal energy and well-being, we also bring new ideas, expertise, progress and the strength of true innovation to the table. This is precisely what our press connector systems demonstrate: they provide the right solution for almost every conceivable area of application, thanks to a reliable level of quality that stands the test of time throughout the building's lifespan. That is why planners all over the world and our specialist trade partners trust us. Viega. Connected in quality.



viega.co.uk/
Press-Connector-Systems

CONTENTS



01 Potable water

Viega systems for hygienic potable water.

See page 8 for more

02 Heating and cooling

Fundamental convenience solutions.

See page 16 for more

03 Gas

Conveying valuable energy sources safely.

See page 22 for more

04 Special media

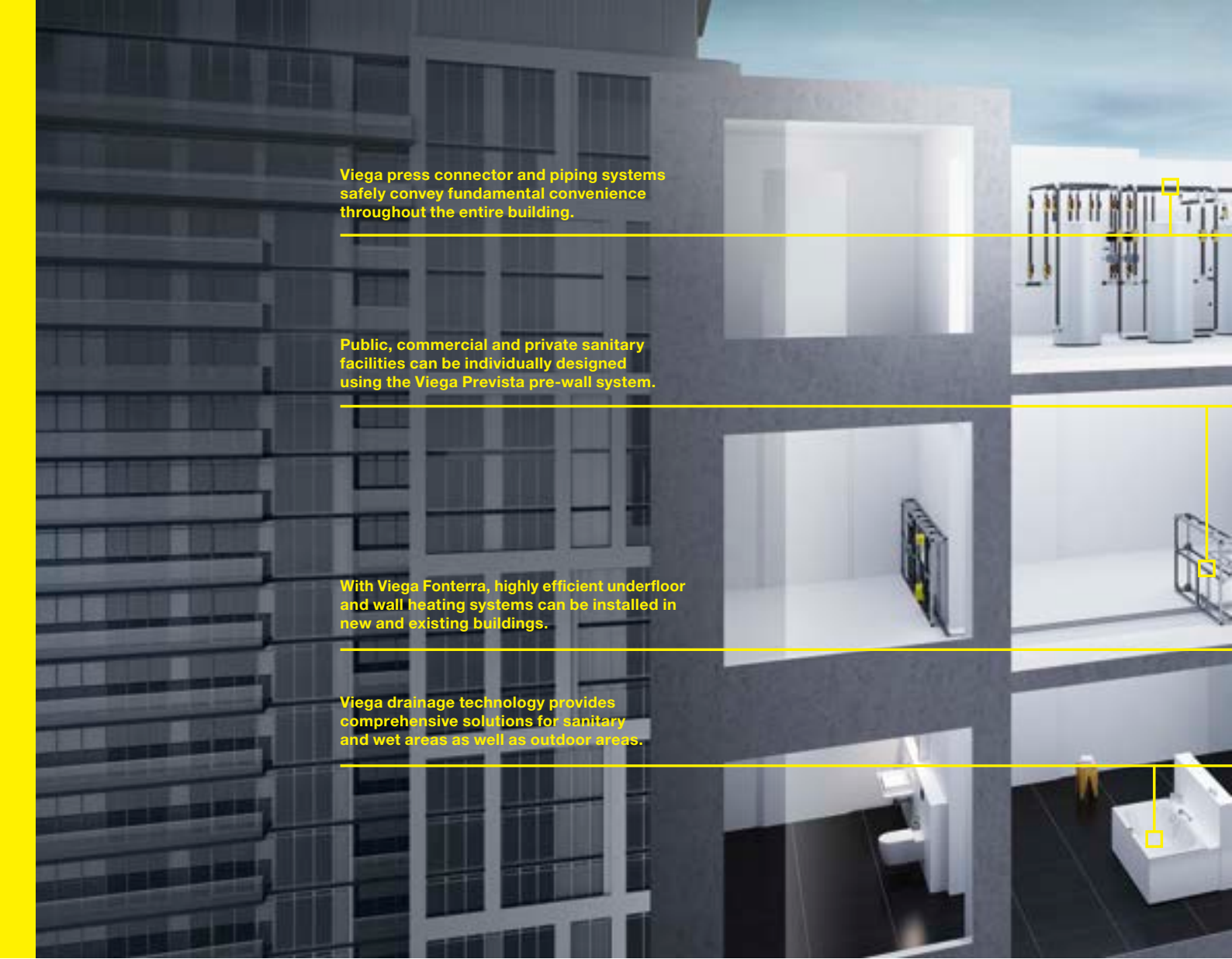
Everything you need for district heat, new energy sources and special applications.

See page 28 for more

05 Viega system valves

Intelligent accessories that make our systems complete.

See page 34 for more



Viega press connector and piping systems safely convey fundamental convenience throughout the entire building.

Public, commercial and private sanitary facilities can be individually designed using the Viega Prevista pre-wall system.

With Viega Fonterra, highly efficient underfloor and wall heating systems can be installed in new and existing buildings.

Viega drainage technology provides comprehensive solutions for sanitary and wet areas as well as outdoor areas.

A WORLD WHERE
EVERYTHING
FITS TOGETHER
PERFECTLY



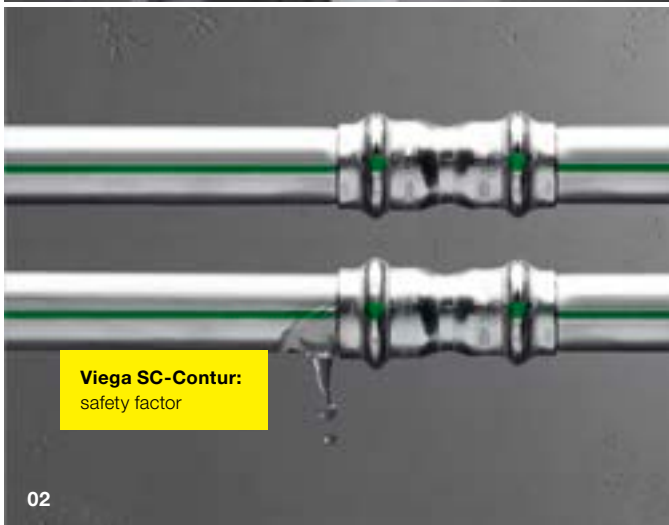
[viega.co.uk/
Integrated-Network](https://viega.co.uk/Integrated-Network)



The range of requirements placed on installations and piping systems is **as diverse as the buildings of today and tomorrow**. No two buildings are the same, every new task is unique. This makes it all the more important to have an integrated network that is carefully conceived down to the last detail and has an answer for all requirements.

The Viega integrated network provides practice-oriented comprehensive solutions for a wide range of applications: **potable water and gas installations, heating installations and wide-ranging use of special media** can be realised easily with Viega press connector systems. This is complemented by **solutions for pre-wall and drainage technology** – all from a single source, all perfectly coordinated. For example, metal riser pipes can be quickly and easily connected to flexible plastic pipes on the floor and pre-wall elements can be easily integrated directly into the installation.

The Viega press connector product range includes versatile installation and connection variants – even in large dimensions of up to 108 mm. Whether elbows, flanges, crossovers, T-pieces, adapters, couplings, screw fittings and fittings with press connections: The Viega integrated network offers practical solutions for every challenge, thereby facilitating every planning project.



A SYSTEM **THAT PAYS OFF DAY AFTER DAY**

Viega press technology offers a unique combination of benefits. The reliability, safety and quick-assembly characteristics of the connections offer a real competitive advantage to those who work with Viega cold press connection technology.

Ease of use that saves a lot of time: Viega press connectors can be pressed together in a matter of seconds and are then able to withstand stress straight away. Fire safety precautions such as those required for soldering or welding become superfluous. As there are no quality variations, users can rely on a consistent level of quality from the first to the last press connector. This also applies to the sealing elements in the connectors. No matter if EPDM, HNBR or FKM sealing elements are used: All Viega components retain their properties over the long term.



01 Making press-fitting convenient in every situation:
Viega Pressguns*

02 Making inadvertently unpressed connections visible:
Viega SC-Contur

03 Intelligent Viega press connection technology: with smart app control from Viega Pressgun 6 Plus and Pressgun Picco 6 Plus* on request

** Not all systems shown are available in all countries! Please contact your field service team.*

Intelligent press connection technology

is already evident in the product range. The Viega Pressgun product range* enables users to choose the best tool for the job. Whether smart-controlled, particularly compact or featuring Pressgun press boosters for Megapress XL dimensions: Viega Pressguns make work processes efficient and convenient no matter the situation.

The Viega SC-Contur is one of the most significant safety improvements in press connection technology. This feature makes it easy for the specialist tradesman to detect inadvertently unpressed connections. In a dry leakage test, the pressure can be seen to drop from 22 hPa to 0.3 MPa over the entire pressure range. Leaks from a system filled with water, on the other hand, are clearly visibly from unpressed connections in the pressure range from 0.1 MPa to 0.65 MPa.



viega.co.uk/
Press-Technology

Viega press connectors: the technological benchmark

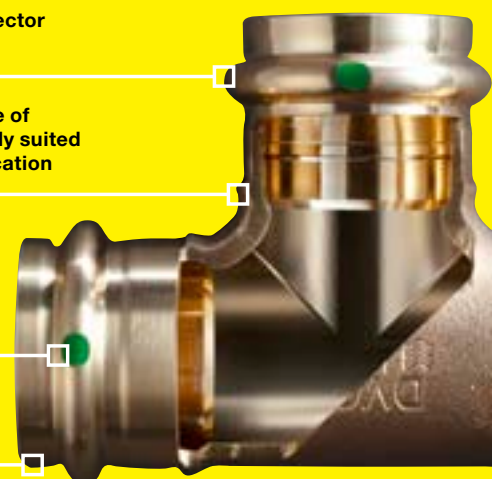
All Viega press connectors have the same features as the Sanpress press connector shown here:

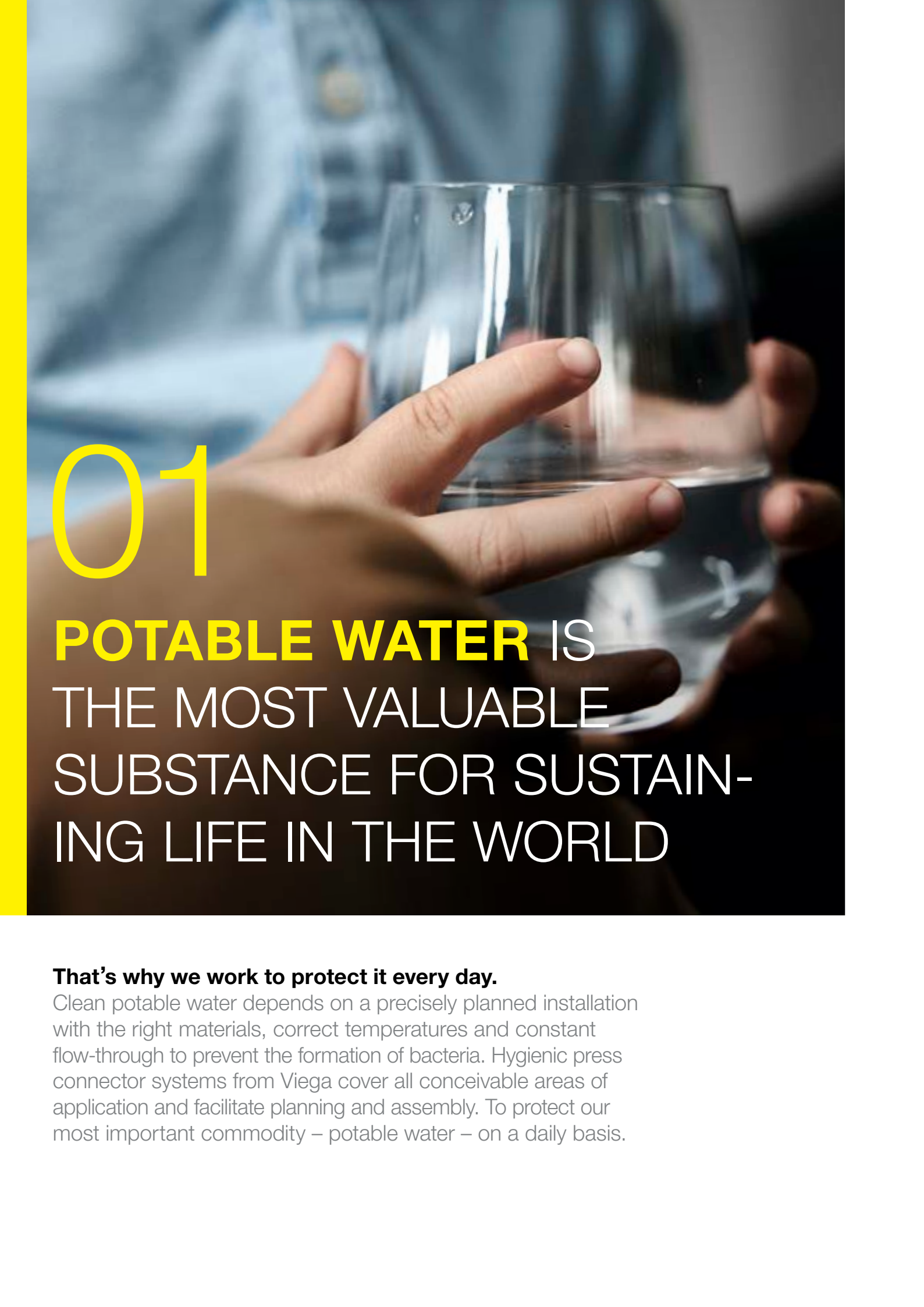
Unpressed press connector with SC-Contur

Press connectors made of materials that are ideally suited to the respective application

Coloured marker on the SC-Contur and main application marking

Standardised nominal widths



A close-up photograph of a person's hands holding a clear glass filled with water. The person is wearing a blue button-down shirt. The background is blurred, focusing attention on the glass and the hands. A large yellow number '01' is overlaid on the left side of the image.

01

POTABLE WATER IS
THE MOST VALUABLE
SUBSTANCE FOR SUSTAIN-
ING LIFE IN THE WORLD

That's why we work to protect it every day.

Clean potable water depends on a precisely planned installation with the right materials, correct temperatures and constant flow-through to prevent the formation of bacteria. Hygienic press connector systems from Viega cover all conceivable areas of application and facilitate planning and assembly. To protect our most important commodity – potable water – on a daily basis.



WHEN EXEMPLARY HYGIENE STANDARDS MATTER

Viega Sanpress Inox

Whenever the highest hygiene standards are required in potable water installations, stainless steel piping systems are the only way to go. With Sanpress Inox, Viega offers a stainless steel piping system with an end-to-end stainless steel installation – from the riser pipe right through to the draw-off point.

Elbows and crossovers, T-pieces and adapters, couplings, screw fittings and fitting connections: With its extensive, practice-oriented product range, Sanpress Inox provides the answer to almost every potable water installation challenge. Owing to their quality and the 1.4401 and 1.4521 materials used, all Sanpress Inox parts and components can be used for potable water supply systems even under the most stringent conditions. This way, nothing stands in the way of planning even in particularly sensitive environments such as the healthcare sector.

FACTS AND FIGURES

Use	Potable water, heating/cooling, special media
Material	Press connector: stainless steel 1.4401 Pipe: stainless steel 1.4401 and 1.4521
Sealing element	EPDM
Dimension	15 to 108 mm
Marking	●



Three reasons for using Sanpress Inox for potable water installations

- Complete stainless steel system of the highest quality consisting of press connectors and piping
- Extensive range of parts and components for hygienic installations
- Long-term reliability for potable water and industrial applications



[viega.co.uk/
Sanpress-Inox](http://viega.co.uk/Sanpress-Inox)

Sanpress pipe 1.4521





THE FOUNDATION OF HYGIENIC POTABLE WATER SUPPLY

Viega Profipress

One of the most successful Viega press connector systems in the world, Profipress sets standards in quality and hygiene while meeting stringent legal requirements such as those of the German Potable Water Ordinance.

Because of the high-quality materials used, namely copper, gunmetal or silicon bronze, hygienic potable water is guaranteed at every draw-off point. The limited pressure loss at the Profipress connectors is helpful in this respect. They allow for optimised dimensioning of the potable water installation and facilitate flow-through.

From the riser pipe to the final draw-off point, the entire potable water installation can be realised with the Profipress system. Regardless of whether you are aiming for a ring or series pipeline with double wall plates or a T-piece installation with connection to the circulation pipe – Profipress has the right components for every conceivable application in dimensions from 12 to 108 mm.

FACTS AND FIGURES

Use	Potable water, heating/cooling, special media
Material	Press connector: copper, gunmetal or silicon bronze
Sealing element	EPDM
Dimension	12 to 108 mm
Marking	●



Three reasons for using Profipress for potable water installations

- Complete potable water installations from the riser pipe to the individual draw-off points
- Product range with over 800 different press connectors and system components for versatile installations
- The clear marking with a green dot for potable water reduces the risk of confusion on the construction site



viega.co.uk/
Profipress

QUALITY AND COST EFFECTIVENESS FOR POTABLE WATER INSTALLATIONS

Viega Sanpress



With Viega Sanpress, users are opting for a modular system with built-in hygiene: Viega press connectors made of gunmetal or silicon bronze combined with non-corroding stainless steel pipes such as the Sanpress pipes 1.4401 and 1.4521 offer maximum safety and versatility. In mixed installations, they provide the ideal combination of cost effectiveness and hygiene, as the press connectors can, of course, be combined perfectly with other materials such as copper or plastic. Together with the relevant adapters, the extensive Sanpress product range provides all the solutions.

When it comes to potable water hygiene, too, no stone has been left unturned with the Sanpress system. The highly streamlined connectors facilitate a low water volume, while additional structural and special components ensure that the highest potable water standards are maintained in all installation situations.

FACTS AND FIGURES

Use	Potable water
Material	Press connector: gunmetal or silicon bronze Pipe: stainless steel 1.4401 and 1.4521
Sealing element	EPDM
Dimension	12 to 108 mm
Marking	●

Three reasons for using Sanpress for potable water installations

- Complete system consisting of gunmetal or silicon bronze press connectors and stainless steel pipes
- Extensive range of parts and components for hygienic installations
- Highly versatile, yet cost-effective solutions



viega.co.uk/
Sanpress



A symphony, both in front of and behind the wall

When a building like the **Elbe Philharmonic Hall in Hamburg** becomes a crowd puller shortly after opening, you know that the architects, musicians and operators have done everything right. For example, behind the wall where several hundred thousand guests a year are supplied with hygienic potable water, thanks to Viega and ten kilometres of piping with Profipress. For carefree musical indulgence every day of the year.



[viega.co.uk/
References](https://www.viega.co.uk/References)



125,000 m²

OF PURE HARMONY



VERSATILE POTABLE WATER INSTALLATIONS USING TECHNOLOGY WITHOUT A SEALING ELEMENT

Viega Smartpress



The complete Viega Smartpress system brings together several benefits. It combines the cost effectiveness of a plastic piping system with exceptional ease of use and swift assembly. The flow-optimised stainless steel and gunmetal connectors allow for smaller pipe dimensions due to their optimal component geometry and low cross-sectional constriction, thus facilitating hygienic potable water installations.

Thanks to the highly flexible yet kink-resistant Viega Smartpress composite pipe, assembly is as versatile as it is convenient. No matter if you are routing through narrow shafts, over protrusions, past obstacles or if you are carrying out a pre-wall installation: Viega Smartpress can be adapted to all installation situations. And if particularly small radii are required, the Viega bending tool ensures that ring and series pipelines are neatly installed, for example.

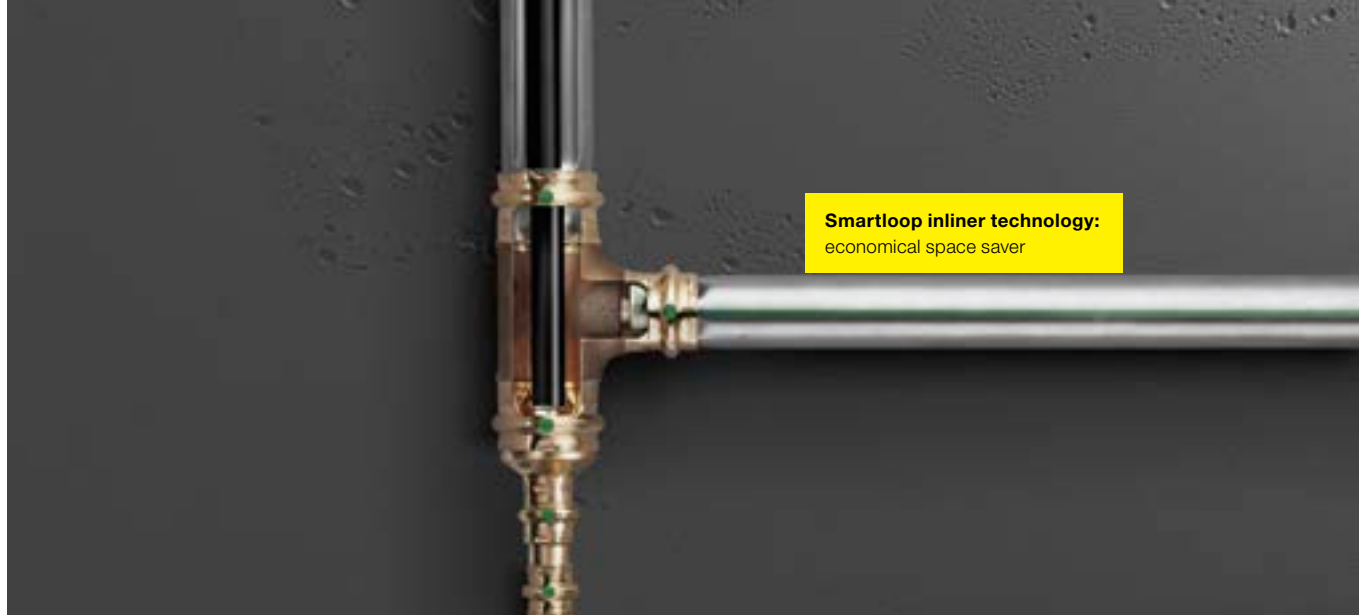
The simplicity of the installation process is one of the greatest benefits of Viega Smartpress. Only three work steps are required, with no need for calibration or reworking: cut the pipe to length, fit the connector, press it into place – job done.

FACTS AND FIGURES	
Use	Potable water, heating
Material	Press connector: stainless steel and gunmetal Pipe: multi-layer pipe
Sealing element	Connection technology without sealing element
Dimension	16 to 63 mm
Marking	●

Three reasons for using Viega Smartpress for potable water installations

- Complete system consisting of flexible multi-layer pipe with matching metal press connectors
- Flow-optimised inner geometry using connection technology without a sealing element enables reduced dimensioning and supports preservation of potable water quality
- Quick assembly without calibration and with considerable time savings





Smartloop inliner technology:
economical space saver

THE CONVENIENCE OF CLEAN, CIRCULATING HOT WATER

Viega Smartloop inliner technology

During hot water distribution, adequate circulation ensures consistent temperatures at each draw-off point, while maintaining hygiene standards through the constant movement of water. For this purpose, the circulation water is normally routed through a separate pipe next to the hot water pipe. With the single-pipe principle of the Smartloop inliner technology, the circulation pipe is integrated into the hot water pipe, eliminating the need for an additional, externally mounted pipe.

This smart solution delivers several benefits at the same time: reduced heat loss, reduced material and assembly expenditure, and reduced costs for pipe insulation after the floor lead-in and fire protection measures in it.

Viega features all the necessary system components for achieving space-saving and resource-saving circulation, from connection sets and pipes to Smartloop coupling and installation tools for swift assembly.

FACTS AND FIGURES

Use	Potable water (suitable for the Sanpress Inox and Profipress systems)
Material	Connection set: gunmetal or silicon bronze Pipe: plastic
Sealing element	EPDM
Dimension	12 mm
Marking	●



Three reasons for using Smartloop inliner technology for potable water installations:

- Space-saving installation of circulation pipes
- Sustainable operation thanks to reduced heat loss
- Reduced costs and assembly time compared to conventional circulation pipes



[viega.co.uk/
Smartloop](https://viega.co.uk/Smartloop)



02

HEATING AND COOLING TURNS SPACES INTO LIVING ROOMS

We guarantee your comfort efficiently. Ensuring that rooms throughout the building can be temperature-controlled both economically and reliably is a task with particular responsibility. This is exactly what makes the versatile Viega press connector systems so compelling, as they not only increase efficiency during assembly, but also increase efficiency of the system with their outstanding streamlined characteristics.

VARIABLE HEATING INSTALLATION THANKS TO A WIDE RANGE OF SPECIAL COMPONENTS

Viega Profipress



Efficiency is also important in heating installations. Viega Profipress offers over 800 different press connectors and optimally coordinated system components. This makes heating installation quick, safe and therefore cost-effective – both for new construction and for modernisation projects.

If heat generators or radiators are to be installed, virtually no system offers greater variety than Viega Profipress. Whether the task is to make connections in the skirting board or embed heating pipes in the footfall sound insulation, Viega Profipress features an extensive range of special components for swift assembly no matter what the requirements are.

This also applies to modernisation projects: With solutions such as the Viega slip coupling, Profipress makes it very easy to quickly repair or expand existing piping systems.

FACTS AND FIGURES

Use	Heating/cooling, potable water, special media
Material	Press connector: copper, gunmetal or silicon bronze
Sealing element	EPDM
Dimension	12 to 108 mm
Marking	●

Three reasons for using Profipress for heating installations

- Quick and convenient connection of entire heating installations
- Extensive range of special components for maximum versatility during installation
- Swift repair, refurbishment or expansion of existing piping





THE BENCHMARK FOR HEATING AND COOLING

Viega Temponox

Robust and impervious stainless steel ensures outstanding long-term quality in closed heating and cooling installations – not only in residential construction, but also in industrial and commercial applications. The Temponox stainless steel complete system meets these requirements with aplomb, regardless of whether it is used as a riser pipe, at floor level or on or behind the wall.

On account of its material, Viega Temponox is optimally protected against external corrosion caused by moisture and retains its characteristics in everything from storage and transport to the area of application itself. At the same time, Temponox has an impressive product mix depth.

In addition to its wide range of press connectors, the Temponox pipe is also available in tried and tested stainless steel quality. Add to that a wide range of solutions for fire protection, which can be used with Temponox to provide comprehensive zero clearance solutions in floor lead-ins, for example. This way, the stainless steel system offers the perfect symbiosis of corrosion-resistant quality and economic efficiency.

FACTS AND FIGURES

Use	Heating/cooling, special media
Material	Press connector: stainless steel 1.4301 Pipe: stainless steel 1.4520
Sealing element	EPDM
Dimension	15 to 108 mm
Marking	● 



Three reasons for using Temponox for heating installations

- Economical and high-quality complete system made of stainless steel
- Comprehensive product range consisting of elbows, sleeves, flanges and adapters for almost all requirements
- Brown marking on press connectors and pipes prevents confusion



[viega.co.uk/
Temponox](http://viega.co.uk/Temponox)

Temponox pipe 1.4520





VARIABLE HEAT TRANSMISSION THROUGHOUT THE ENTIRE BUILDING

Viega Smartpress

With its high quality streamlined connectors and flexible, while at the same time dimensionally stable pipes, Viega Smartpress is ideally suited for heating installations. Dimensions ranging from 16 to 63 mm enable complete installation from the riser pipe through to the radiator – versatility that pays off in both renovations and new constructions.

It is not only the simple three-step installation process that is particularly time-saving, but also the efficient radiator connection process made possible by the extensive range of accessories. The coated Viega Smartpress radiator connection blocks and the easy-to-install, coated Viega Smartpress pipes make the work noticeably easier.

The pipe dimensions from 16 to 25 mm can be fitted with an insulation thickness of 6, 9 or 13 mm. There is also a choice to be made for the 6 and 9 mm insulation thicknesses: They are available for order in red or and in blue. Generally speaking, Viega Smartpress insulation has a thermal conductivity class of 040 and therefore meets a wide range of requirements.

FACTS AND FIGURES

Use	Heating, potable water
Material	Press connector: stainless steel and gunmetal Pipe: multi-layer pipe
Sealing element	Connection technology without sealing element
Dimension	16 to 63 mm
Marking	●



Three reasons for using Viega Smartpress for heating installations

- Quick connection in only three assembly steps
- Flexible use as a riser pipe or floor connection
- Extensive connection accessories for quick and easy radiator installation



[viega.co.uk/
Viega-Smartpress](http://viega.co.uk/Viega-Smartpress)

11,000 m

OF MASTERFUL CLIMATISATION



A building where not only the innovators can breathe more easily

For the new **building of the European Patent Office** in Rijswijk, the Netherlands, maximum efficiency was a priority as early as the construction phase. Consequently, 70% of the 400 metres of air-conditioning and heating pipes on each floor were prefabricated with Viega Megapress. By taking this approach, it was possible to combine considerable time savings with a high level of safety.



[viega.co.uk/
References](http://viega.co.uk/References)



FAST AND RELIABLE COLD PRESSING OF THICK-WALLED STEEL PIPES

Viega Megapress



In large buildings in particular, steel pipes with threaded pipe or boiler pipe quality are the first choice when installing high-performance heating and cooling systems. Viega Megapress was developed for precisely this area of application. It connects black, galvanised, industrially painted or epoxy-resin-coated steel pipes pursuant to DIN EN 10255, DIN EN 10220/10216-1 and DIN EN 10220/10217-1 to each other – at the push of a button!

The system removes the need for complex adapters or strenuous welding in new installations and refurbishments of heating installations, and it is also very well suited for use in cooling systems and industrial plant engineering.

Megapress press connectors are made of moulded steel pipes 1.0308, feature the Viega SC-Contur, an external zinc-nickel coating and EPDM sealing elements. This means they are suitable for operating temperatures of up to 105 °C, ensuring safety and durability for every installation.

FACTS AND FIGURES

Use	Heating/cooling, special media
Material	Press connector: non-alloy steel 1.0308 with an external zinc-nickel coating
Sealing element	EPDM
Dimension	3/8 to 2 inches
Marking	● 

Three reasons for using Megapress for heating installations

- Assembly time reduced by 60% compared to welding, no fire hazard due to cold press connection technology
- Presses thick-walled steel pipes, regardless of whether the pipe is seamless, welded, black, galvanised or epoxy-resin-coated
- Comprehensive product range with many special components



[viega.co.uk/
Megapress](http://viega.co.uk/Megapress)

A photograph of an industrial gas system. In the foreground, a grey metal pipe with a 90-degree elbow is connected to a brass fitting. The pipe has several yellow labels with black text and a yellow dot. In the background, there are large red cylindrical gas storage tanks and more complex piping. The floor is a dark, polished surface.

03

WHEN A **GAS** SYSTEM
IS INSTALLED, SAFETY
ALWAYS COMES FIRST

Viega press connector systems are the correct choice for this.

When it comes to working with natural and liquid gas and other flammable media, not only the utmost care in handling is mandatory, but ensuring safety throughout the pipeline network is paramount. Viega press connector systems with special HNBR sealing elements, marked with a yellow dot, were developed precisely for this purpose.

Viega gas valves:
decades of protection

AN EXEMPLARY SAFETY STANDARD FOR GAS SUPPLY LINES

Viega Profipress G

Profipress G is geared uncompromisingly towards safety and comfort – from the house connection point in the cellar right through to the gas boiler connection. The system combines active protection against manipulation, efficient assembly and versatile connection options. Profipress G has many international certifications for installations involving gas, liquid gas as well as heating oil and diesel fuel and has a product range that is as versatile as the challenges of everyday work: with gas valves such as gas meter ball valves and many other components that are indispensable for gas installations.

The HNBR sealing element used in Profipress G has a characteristic temperature range of - 20 to + 70 °C and its specifications are specifically geared towards gas installations. The durability and resistance of the sealing element have been specifically tailored to the medium gas: cold elasticity combined with heat stability provides for reliable press connectors – and safe gas installations. In addition, of course, Profipress G press connector systems are also suitable for use with hydrogen (H₂).

FACTS AND FIGURES

Use	Gas, special media
Material	Press connector: copper, gunmetal or silicon bronze
Sealing element	HNBR
Dimension	12 to 64 mm
Marking	● Gas MOP5 GT/1 T2



Three reasons for using Profipress G for gas installations

- Safe and reliable gas installation throughout the building, from the house service connection right through to the gas boiler
- Tried and tested Profipress press connectors with HNBR sealing element designed specifically for gas
- Extensive range of special components and gas valves for maximum versatility



[viega.co.uk/
Profipress-G](http://viega.co.uk/Profipress-G)

A STAINLESS STEEL SYSTEM FOR TOP-QUALITY GAS INSTALLATIONS

Viega Sanpress Inox G

Absolute safety is paramount in gas installations. That is why Sanpress Inox G commands the highest level of trust worldwide. Firstly because of the proven, robust stainless steel material, and secondly because of the million-fold tried and tested HNBR sealing element, which can be unmistakably identified by the clear marking on the connectors. The pipes and press connectors are made of stainless steel 1.4401, meet all legal approval requirements, are designed for natural gas and liquid gas in the dimensions 15 to 108 mm and are suitable for use with hydrogen (H₂). In addition to this, the dimensions from 15 to 54 mm can be used for applications involving heating oil and diesel fuels.

With Sanpress Inox G, the entire gas installation can be implemented safely. From the main shut-off device to the meter and appliance connection fitting right through to the gas appliance connections – all made possible by suitable adapters from the extensive Viega product range. This is why Sanpress Inox G is recommended whenever there can be no compromise on quality, safety and durability.

FACTS AND FIGURES

Use	Gas, special media
Material	Press connector: stainless steel 1.4401 Pipe: stainless steel 1.4401
Sealing element	HNBR
Dimension	15 to 108 mm
Marking	 Gas MOP5 GT/5

Three reasons for using Sanpress Inox G for gas installations

- Complete stainless steel system consisting of press connectors, piping with adapters and numerous other components
- Perfectly matched system components for versatile applications
- Long-term safety for gas applications in residential and commercial buildings



[viega.co.uk/
Sanpress-Inox-G](https://viega.co.uk/Sanpress-Inox-G)



PUTTING AN END TO WELDING WORK IN GAS INSTALLATIONS TOO

Viega Megapress G

Thick-walled steel pipes are the first choice for industrial gas installations, and they can be cold pressed using Viega Megapress G. This makes them not only a reliable and safe choice, but also a highly economical one. The assembly time can be reduced by 60% compared to welding, thanks to Viega cold press connection technology. A further benefit: no elaborate fire protection precautions are required. This means that repairs or expansions can even be carried out during operation, keeping idle time to a minimum.

Viega Megapress G covers a broad installation spectrum with a large number of components such as elbows, sleeves, T-pieces, flanges, adapters and screw fittings in dimensions from ½ to 2 inches. The system is suitable not only for gas and liquid gas, but also for media such as heating oil and diesel fuels.

Viega Megapress G has also been tested for HTR (higher thermal resistance) and approved up to a maximum operating pressure of 0.5 MPa (MOP 5) – ideal prerequisites for reliable gas installations.

FACTS AND FIGURES

Use	Gas, special media
Material	Press connector: steel 1.0308 with an external galvanic zinc-nickel coating
Sealing element	HNBR
Dimension	½ to 2 inch
Marking	● Gas MOP5 GT/5

Three reasons for using Megapress G for gas installations

- Suitable for natural and liquid gases according to DVGW Worksheet G 260, for heating oil and diesel fuel systems, and for hydrogen (H₂)
- Economical due to up to 60% shorter assembly time compared to welding, in terms of connection technology
- High degree of reliability thanks to Viega SC-Contur with "leaky when unpressed" functionality



[viega.co.uk/
Megapress-G](http://viega.co.uk/Megapress-G)



Safety on the ground for safety in the air

The bigger the vehicle, the more expansive the garage. And that is certainly the case with the **hangar of the WDL airship company in Mülheim an der Ruhr, Germany**. It goes without saying that safety is a top priority for the company. For this reason, the gas-powered space heaters were installed entirely on the basis of Profipress G from Viega. Taking this approach meant that the technology could always be relied upon to provide a pleasant 18 °C room temperature during maintenance.



[viega.co.uk/
References](https://www.viega.co.uk/References)



100,000 m³

RELIABLY HEATED AIR VOLUME





04

SPECIAL MEDIA

ARE INDISPENSABLE
IN BUILDINGS AND IN
PRODUCTION

We convey them safely and efficiently. Be it for the use of renewable energy, fire protection or a medium that is vital for trade and industry, such as compressed air: Viega press connector systems can provide the perfect solution for every application and every special medium.

EFFICIENT, VERSATILE AND SAFE FOR DISTRICT HEAT AND MORE

Viega Megapress S



With dimensions of up to 2 inches, the Megapress S press connector system provides the best possible connection option to local and district heat supply systems (in accordance with AGFW FW 524). From the point of entry into the building, the thick-walled steel pipes that are frequently used in these areas can be pressed together quickly and safely.

When used in an industrial environment and in plant construction, the Megapress S XL really proves its worth. In XL dimensions from 2½ to 4 inches, press connections can be established up to 80% faster than connections that require conventional connection methods. In this way, the benefits of cold press connection technology are fully realised – and that includes minimal idle times, as no elaborate fire protection precautions are required.

The quality of the installations is also compelling in every respect thanks to the long-lasting Megapress S connectors. The flow-optimised connectors consist of non-alloy steel 1.0308 and have a zinc-nickel external coating.

FACTS AND FIGURES

Use	Special media
Material	Press connector: steel 1.0308 with an external galvanic zinc-nickel coating
Sealing element	FKM
Dimension	¾ to 4 inches
Marking	○

Three reasons for using Megapress S for installations

- Connects thick-walled steel pipes ranging from ¾ to 4 inches and saves up to 80% assembly time compared to welding, depending on the dimension
- Suitable for higher thermal loads of up to 140 °C
- Zinc-nickel external coating as effective protection against corrosion



viega.co.uk/
Megapress-S



Press connection technology for the world's largest solar- thermal sewage sludge drying plant

The world's largest **solar-thermal sewage sludge drying plant** has been in operation in Bottrop, Germany since 2021. This is part of the "Emscher hybrid power plant", which is expected to save up to 70,000 tonnes of CO₂ per year from electricity generation by combining five renewable energy sources. Megapress S, which withstands all thermal influences of the hall construction and could be installed quickly without welding, was used to connect many hundreds of heating registers.



[viega.co.uk/
References](https://viega.co.uk/References)



12,000 m

ENSURING SUSTAIN- ABILITY WITH STEEL PIPING



GOING FULL BLAST FOR NEW ENERGY

Viega Profipress S



Profipress S establishes flawless connections for a wide variety of energy and heat sources quickly, safely and reliably: especially in installations with renewable energy sources and higher operating temperatures.

Whether fast and reliable connection of solar collectors or the use of district heat supply systems in secondary circuits at flow temperatures of up to 140 °C: with Profipress S, longevity is always guaranteed – regardless of whether flat or vacuum tube collectors are used for solar thermal energy. They can also be used in low-pressure steam systems at up to 120 °C or pressure of 0.1 MPa without any problems.

The built-in FKM sealing element is already integrated as standard for dimensions ranging from 12 to 35 mm and is also available separately for dimensions greater than 35 mm. Want to marry efficiency with safety? Then the Profipress S should be your first choice.

FACTS AND FIGURES

Use	Special media
Material	Press connector: copper, gunmetal or silicon bronze
Sealing element	FKM
Dimension	12 to 35 mm
Marking	○ FKM



Three reasons for using Profipress S for installations

- Ideally suited to special applications such as solar installations, district heat supply systems and low-pressure steam systems
- Versatile assembly thanks to comprehensive product range
- Any confusion is ruled out by the orange plastic bag and white marking on the connectors



[viega.co.uk/
Profipress-S](http://viega.co.uk/Profipress-S)

RELIABLE PROTECTION FOR PEOPLE AND VALUES

Viega system solutions for extinguishing water



Fire extinguishing and sprinkler systems are subject to strict legal regulations for good reasons, as we must be able to rely on them to save lives in an emergency. With press connection and piping systems from Viega, safe fire protection solutions can be realised in dimensions up to DN 100. These quick systems save you time and allow for customised designs thanks to the extensive product range. Viega press connector systems are also the first choice when it comes to modernizing sprinkler systems (wet, wet/dry, dry) in accordance with VdS CEA 4001 or fire extinguishing systems (wet) in accordance with DIN 14462.

Viega products:

Profipress, Sanpress Inox, Sanpress, Megapress, Megapress S

WITHSTAND ANY PRESSURE EVEN TIME PRESSURE

Viega system solutions for compressed air



No matter if tools are being powered, workpieces are being cleaned or machines are being moved: having reliable access to clean compressed air is an important productivity factor in any industry. The biggest cost driver in compressed air systems are invisible leaks, which often go hand in hand with impurities in the compressed air. Viega press connector systems are safe and developed for maximum freedom from leaks. They really come into their own in this respect. Once pressed into place, the connectors are permanently leak-proof, thus ensuring consistent efficiency and productivity during operation.

Viega products:

Profipress, Profipress G, Profipress S, Sanpress Inox, Sanpress Inox G, Sanpress, Temponox, Megapress, Megapress S

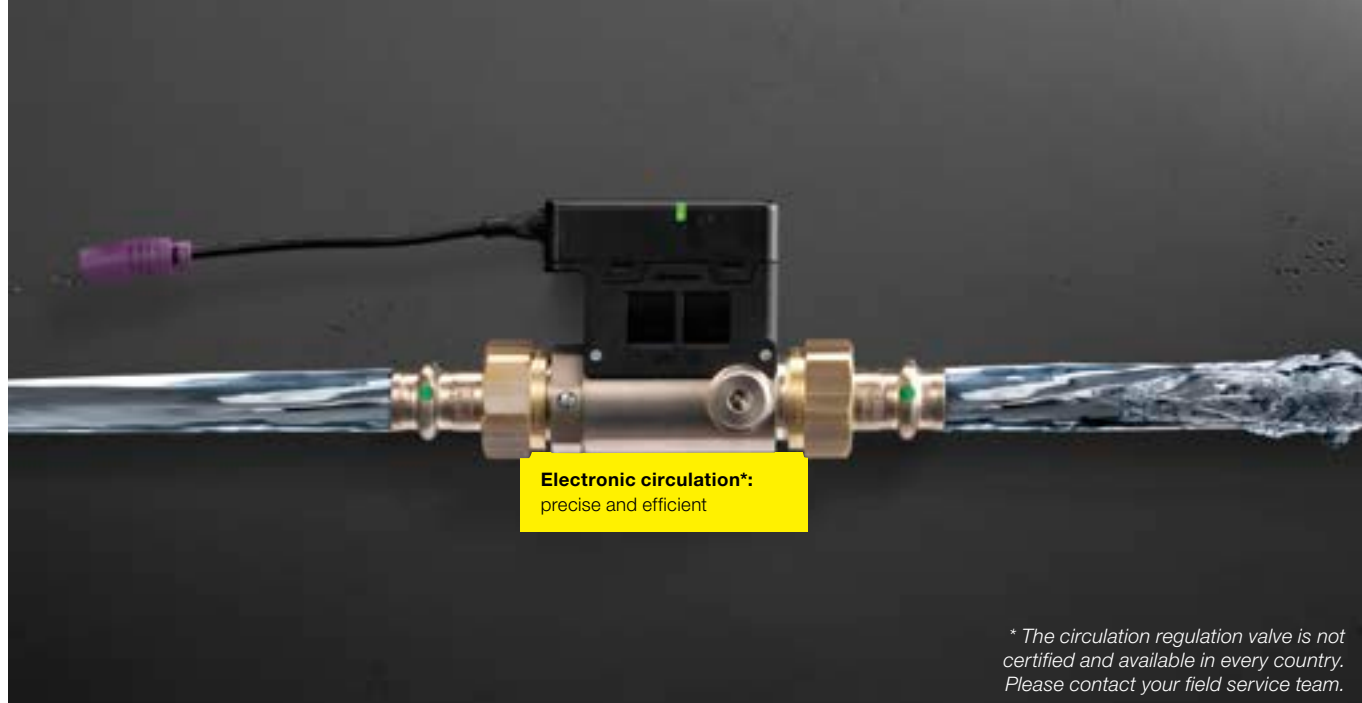


05

SYSTEM VALVES

ROUND OFF ANY SYSTEM

Safe to say, they are always the right solution. The ergonomic Easytop system valves put the finishing touches to metal and plastic press connector systems from Viega. Premium materials such as stainless steel, gunmetal or silicon bronze, the proven SC-Contur, swift assembly and optimised sealing concepts ensure maximum safety and functionality. No matter how extensive the planned potable water and heating installations are, Viega Easytop system valves are suitable for almost every conceivable application.



** The circulation regulation valve is not certified and available in every country. Please contact your field service team.*

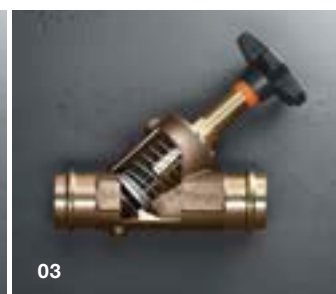
SUITABLE FOR EVERY AREA OF APPLICATION

Viega system valves

With Viega Easytop system valves, users are opting for a level of versatility that is second to none. Be it for water meters or supply units, shut-off valves, free-flow valves and control valves for potable water supply or ball valves for industrial use up to XL dimensions: There is virtually no application that cannot be realised with Easytop system valves. Add to that an electronic innovation like the circulation regulation valve*. This sets completely new benchmarks thanks to automatic hydraulic balancing at the touch of a button based on precisely defined temperatures.

The integrally moulded system press connections of the components allow you to combine the Easytop system valves with the following Viega press connector systems: Sanpress Inox, Sanpress, Profipress and Raxofix. There is no need for sealed adapters, which ensures maximum safety for the entire potable water installation.

It goes without saying that the materials used, gunmetal, silicon bronze and stainless steel, meet all potable water hygiene requirements. The dead space free architecture of the system valves also promotes flow-through and thus supports preservation of potable water quality. Reliable, safe and stable over the long term.



01 A product range that is second to none – with a level of quality that is equally as impressive **02** Easytop slanted seat valve with sealing concept based on the force shunt principle **03** Easytop-KR-V slanted seat valve with backflow preventer



viega.co.uk/
System-Valves



[viega.co.uk/
Press-Connector-Systems](http://viega.co.uk/Press-Connector-Systems)

Viega Ltd.

2 Miller Court, Severn Drive
Tewkesbury Business Park
Tewkesbury, GL20 8DN
United Kingdom

Phone +44 204 582 6495

viega.co.uk

